

## Summary Report of Occurrences Reviewed

### From July 6 – 10, 2009

**Summary:** 20 occurrences at 15 sites reviewed during this period.

#### Significant Occurrences (2)

##### **Injury – 2 occurrences at 2 sites**

- **EM – Hanford Site (Significance Category 2).** On July 1, a Millwright fell through an open hatch in a catwalk while assisting a Rigger position a crane. Washington Closure Hanford (WCH) workers were tasked with completing pre-demolition activities in the 336 Building in preparation for the gantry crane removal which requires ascending and descending a wall-mounted steel ladder approximately 50 feet to the catwalk and requires the use of a full body harness attached to retractable fall arrest lanyards. Prior to any work being performed, all workers were instructed to be on the catwalk and the hatch to be closed. No fall protection is required while on the catwalk due to permanently installed hand-railings. After leaving the catwalk, one Millwright was called back to assist the Rigger and he accidentally left the hatch open, resulting in the fall. The Millwright sustained injuries to both legs which required hospitalization. Based on an evaluation by medical personnel, the Millwright is expected to recover and return to work. WCH management conducted a fact-finding and initiated an investigation.
- **LM – Fernald Site (Significance Category 3).** On June 25, during the process of changing pump motors, a 760-pound motor being transported on a wheeled cart tipped over and fell on a worker who was assisting with the transportation of the motor. The motor was promptly lifted from the worker's leg and a 911 call was placed for emergency medical support. The injured worker was transported to a local hospital and was treated and released on the same day. Management notifications were made and a fact finding effort was initiated.

**Other Occurrences (18).** See Table (Note: The Table includes the occurrences listed above).

| Occurrence Category                             | Number of Occurrences |          |          |           | Number of Sites |
|-------------------------------------------------|-----------------------|----------|----------|-----------|-----------------|
|                                                 | E&E                   | NNSA     | SC       | DOE Total |                 |
| Injury - Industrial Hygiene/Occupational Safety | 4                     | 0        | 0        | 4         | 4               |
| Near Miss                                       | 0                     | 0        | 0        | 0         | 0               |
| Authorization Basis                             | 1                     | 1        | 0        | 2         | 2               |
| Radiological Concerns                           | 0                     | 0        | 0        | 0         | 0               |
| Environmental                                   | 0                     | 1        | 1        | 2         | 2               |
| Fire Safety                                     | 1                     | 1        | 0        | 2         | 2               |
| Shipping/Quality Assurance                      | 0                     | 3        | 0        | 3         | 2               |
| Criticality Concerns                            | 0                     | 0        | 0        | 0         | 0               |
| Industrial Operations                           | 1                     | 0        | 0        | 1         | 1               |
| Conduct of Operations                           | 2                     | 1        | 0        | 3         | 3               |
| Electrical Safety                               | 0                     | 0        | 1        | 1         | 1               |
| Vehicle Accident                                | 0                     | 0        | 0        | 0         | 0               |
| Equipment Failures                              | 0                     | 1        | 0        | 1         | 1               |
| Safeguards and Security                         | 1                     | 0        | 0        | 1         | 1               |
| Suspect & Counterfeit Parts                     | 0                     | 0        | 0        | 0         | 0               |
| Other                                           | 0                     | 0        | 0        | 0         | 0               |
| <b>Total</b>                                    | <b>10</b>             | <b>8</b> | <b>2</b> | <b>20</b> |                 |

## **Secretarial Office Summary**

|                                                  |               |           |
|--------------------------------------------------|---------------|-----------|
| National Nuclear Security Administration         | 8 occurrences | (5 sites) |
| Office of Energy Efficiency and Renewable Energy | 1 occurrence  | (1 site)  |
| Office of Environmental Management               | 4 occurrences | (4 sites) |
| Office of Legacy Management                      | 2 occurrences | (2 sites) |
| Office of Nuclear Energy                         | 3 occurrences | (1 site)  |
| Office of Science                                | 2 occurrences | (2 sites) |